

Figure 1

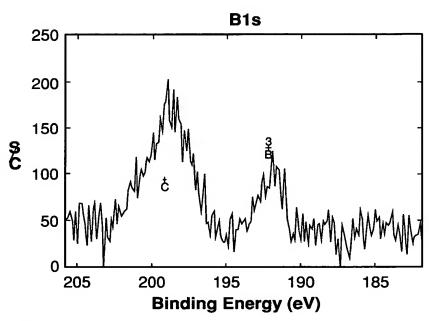


Figure 2a: High-resolution spectrum for Al_2O_3 after one-step cleaning using BCl_3

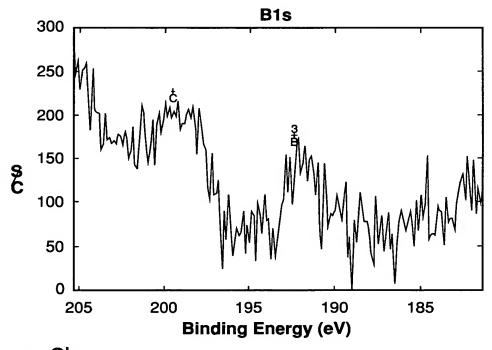
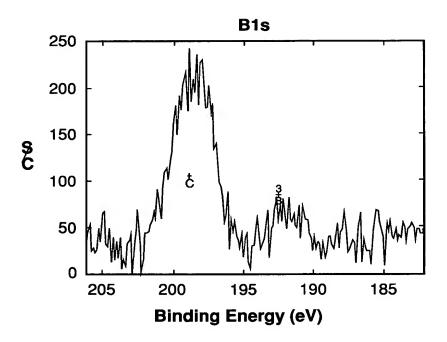
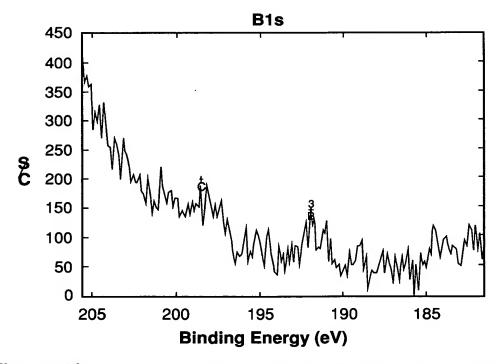


Figure 2b: High-resolution spectrum for HfO₂ after one-step cleaning using BCl₃



 $\textbf{Figure 3a:} \ \textbf{High-resolution spectrum for Al}_2\textbf{O}_3 \\ \textbf{after one-step cleaning using BCl}_3 \\ \textbf{and NF}_3 \\ \textbf{NF}_3 \\ \textbf{NF}_3$



 $\textbf{Figure 3b:} \textbf{High-resolution spectrum for HfO}_{2} \textbf{after one-step cleaning using BCI}_{3} \textbf{and NF}_{3}$

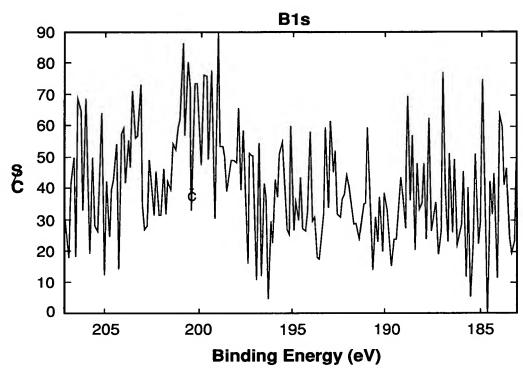


Figure 4a: High-resolution spectrum for Al₂O₃ after two-step cleaning

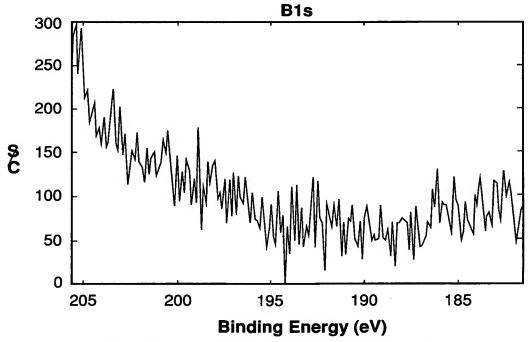


Figure 4b: High-resolution spectrum for HfO2 after two-step cleaning